

Dr. JASVIR SINGH
Professor
Deptt. of Electronics Technology
Faculty of Engineering & Technology
Guru Nanak Dev University, Amritsar, Punjab, India

PROFESSIONAL QUALIFICATIONS

- B.E. – 1981 with First Division(**PANJAB UNIVERSITY,Chd**)
- M.Tech – 1985 with **First Division with Merit Certificate**
- Ph.D – 1994(**GNDU,Asr**)

TEACHING AND RESEARCH EXPERIENCE - 23 YEARS

AREA OF RESEARCH/TEACHING

Digital Signal Processing, Digital Communication, Wireless Communication, Information Technology, Neuro-Fuzzy Aided Intelligent Information Processing and Biomedical Signal Processing

RESEARCH ACTIVITIES

RESEARCH GUIDANCE

(A) Ph.D. Students Guided - Two (AWARDED)

1. Adaptive Differential Detection of QPSK Signal under Fading Channels (B.P. PATIL) 2001.
2. Digital Signal Processor Based Efficient Implementation of Transmitter Functions of V.90 Digital Modem (D.P. SHARMA) 2004

(B) Ph.D (Registered) - One

1. Computer Simulation & Performance Analysis of Downlink FDD Mode Wideband CDMA Wireless Communication (Mr. SUYEB KHAN) 2005

(C) Ph.D Research Guidance/ Enrolled - Three

(D) M.Tech. Research Thesis Guided/Assisted - Five

In the field of Electronics and Communication Engineering.

RESEARCH PROJECTS

1. **Successfully completed University Grant Commission (M) sponsored project on Fuzzy Logic in Communication Systems.**
2. **Successfully completed GND University Research project on Soft Modem Implementation on Digital Signal Processor.**

RESEARCH PUBLICATIONS (More than 125)

- In International /National Refereed Journals of Repute IEEE (USA) UK, France, China as well as IE(I) & IETE etc - 55.
- In International /National Refereed Conferences of Repute IEEE (USA)Canada IEE UK, France, China, Indonesia, Japan, as well as IE(I) & IETE Sponsored - 90.

Other Relevant Publications:

- Popular Science and Technical Articles - 60.
- Industry Institute Interaction and Technical Education - 30.

ACHIEVEMENTS

1. **REVIEWER** of International / National Refereed Journal / Conferences.

2. **BIOGRAPHY SELECTED**

- American Biography Institution (USA) - Research Board of Advisors.
- Marquis Who's Who in the world.

3. **CERTIFICATE OF EXCELLENCE**

Vijay Rattan Award along with Certificate of Excellence 2005 by India International Friendship Society

4. **AWARD**

SIR THOMAS MEDAL by Institution of Engineers (India), Electronics and Telecommunication Division in recognition of meritorious research work (2000).

MEMBER OF PROFESSIONAL SOCIETIES (INDIA)

Institution of Electronics and Telecommunication, Institution of Engineers, Indian Society of Technical Education, Instrument Society, Biomedical Engineering Society, System Society, Continuing Engineering Education Society

CONTACT ADDRESS (OFF)

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